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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 10/620,532 |
| Filing Date | 07/16/2003 |
| First Named Inventor | Peqqy J. Farnham |
| Examiner Name | |
| Art Unit | 1642 |
| Attorney Docket No. | 960296.98750 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number
Deposit Account Name

17-0055

Quarles & Brady LLP

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------|---------------|------------------------|----------|
| 1001 770 | 2001 385 | | | Utility filing fee | |
| 1002 340 | 2002 170 | | | Design filing fee | |
| 1003 530 | 2003 265 | | | Plant filing fee | |
| 1004 770 | 2004 385 | | | Reissue filing fee | |
| 1005 160 | 2005 80 | | | Provisional filing fee | |
| SUBTOTAL (1) | | (\$ 0.00) | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | -20* | = | Extra Claims | Fee from below | Fee Paid |
|--------------------|------|---|--------------|----------------|----------|
| Independent Claims | | | | | |
| Multiple Dependent | | | | | |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|------------------------------------------------------------|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | (\$ 0.00) |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------------|--------------|---------------|---------------|----------------------------------------------------------------------------|----------|
| 1051 130 | 2051 65 | | | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | | | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | | | Non-English specification | |
| 1812 2,520 | 1812 2,520 | | | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | | | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | | | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | | | Extension for reply within first month | |
| 1252 420 | 2252 210 | | | Extension for reply within second month | |
| 1253 950 | 2253 475 | | | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | | | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | | | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | | | Notice of Appeal | |
| 1402 330 | 2402 165 | | | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | | | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | | | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | | | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | | | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | | | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | | | Design issue fee | |
| 1503 640 | 2503 320 | | | Plant issue fee | |
| 1460 130 | 1460 130 | | | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | | | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | | | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | | | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | | | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | | | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | | | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | | | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

| SUBMITTED BY | | (Complete if applicable) | | |
|-------------------|------------|-----------------------------------|-----------------|------------------------|
| Name (Print/Type) | Zhibin Ren | Registration No. (Attorney/Agent) | 47,897 | Telephone 608-283-2673 |
| Signature | | Date | January 8, 2004 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Doc. No. 5518995

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Date of Signature and Deposit: January 8, 2004


Zhibin Ren 47,897

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Peggy J. Farnham
Carrie R. Graveel
Sarah R. Harkins-Perry

Date: January 8, 2004

Serial No.: 10/620,532

Group Art Unit: 1642

Filed: July 16, 2003

Examiner:

Title: LIVE TUMOR MARKER SEQUENCES File: 960296.98750

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a completed Information Disclosure Statement by Applicant listing documents that the applicant in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,



Zhibin Ren
Reg. No. 47,897
Attorney for Applicants
QUARLES & BRADY LLP
P. O. Box 2113
Madison, WI 53701-2113

TEL 608/251-5000
FAX 608/251-9166



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--------------------------------------------|
|  TRADEOFF Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. | | C mplete if Known | |
| Substitute for form 1449/PTO | | Application Number 10/620,532 | Filing Date 07/16/2003 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | First Named Inventor Peggy J. Farnham | Art Unit 1642 |
| Sheet 1 of 2 | | Examiner Name | Attorney Docket Number 960296.98750 |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

⁴EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ⁵ Applicant's unique citation designation number (optional). ⁶ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.4. ⁷ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁸ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁹ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ¹⁰ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO **THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------|------------------|
| <p>Substitute for form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p> | | <i>Complete if Known</i> | |
| | | Application Number | 10/620,532 |
| | | Filing Date | 07/16/2003 |
| | | First Named Inventor | Peggy J. Farnham |
| | | Art Unit | 1642 |
| Examiner Name | | | |
| Sheet | 2 | of | 2 |
| | | Attorney Docket Number | |

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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